

SOUTH CAROLINA

Science and Engineering Profile

	S. Carolina	U.S.	Rank		S. Carolina	U.S.	Rank
Doctoral scientists, 1993	4,106	430,332	29	Total R&D performance, 1993 (millions)	\$713	\$161,427	31
Doctoral engineers, 1993	770	81,293	31	Industry R&D, 1993 (millions)	\$495	\$117,622	29
S&E doctorates awarded, 1995	199	26,482	32	Academic R&D, 1994 (millions)	\$197	\$20,573	29
of which, in life sciences	32%	24%		of which, in life sciences	51%	55%	
in engineering	20%	23%		in engineering	19%	16%	
in physical sciences	17%	14%		in environmental sciences	7%	7%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	239	36,143	29	expenditures, 1993 (millions)	\$1,996	\$163,994	26
S&E graduate students, 1994				Number of SBIR awards, 1990-94	7	18,023	47
in doctorate-granting institutions	4,220	438,694	32	Patents issued to state residents, 1995	441	55,717	27
Population, 1995 (000s)	3,673	262,755	26	Gross state product, 1992 (billions)	\$69.8	\$5,994.1	27
Civilian labor force, 1995 (000s)	1,859	132,281	26	of which, agriculture	1%	2%	
Personal income per capita, 1995	\$18,788	\$22,788	41	manufacturing, mining, construction	31%	23%	
Federal spending				transportation, communication, utilities	8%	9%	
Total expenditures, 1995 (millions)	\$17,814	\$1,326,294	27	wholesale and retail trade	15%	16%	
R&D obligations, 1994 (millions)	\$199	\$65,654	37	finance, insurance, real estate	14%	18%	
				services	14%	20%	
				government	16%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in South Carolina by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	198,537	35,613	59,084	24,594	69,383	6,528	3,335	37
Department of Agriculture	16,131	9,087	0	0	7,044	0	0	31
Department of Commerce	8,848	5,774	0	1,659	1,325	0	90	16
Department of Defense	45,312	18,005	1,901	11,793	7,780	5,833	0	32
Department of Energy	79,044	0	57,183	9,088	12,474	299	0	16
Dept. of Health & Human Services	33,470	50	0	1,420	29,831	150	2,019	35
Department of the Interior	2,827	2,697	0	8	122	0	0	41
Department of Transportation	1,180	0	0	0	140	0	1,040	42
Environmental Protection Agency	521	0	0	0	521	0	0	41
Nat'l Aeronautics & Space Admin.	1,927	0	0	626	928	187	186	40
National Science Foundation	9,277	0	0	0	9,218	59	0	37
State rank	37	39	13	39	31	30	25	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.